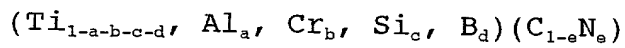


ABSTRACT OF THE DISCLOSURE

A hard film for cutting tools which is composed of



$$0.5 \leq a \leq 0.8, 0.06 \leq b, 0 \leq c \leq 0.1, 0 \leq d \leq 0.1,$$

$$0 \leq c+d \leq 0.1, a+b+c+d < 1, 0.5 \leq e \leq 1$$

(where a, b, c, and d denote respectively the atomic ratios of Al, Cr, Si, and B, and e denotes the atomic ratio of N.)